

is in communication with the network, and processing signals in the NMC in accordance with at least two of

- (a) (i) receiving no replies to polling signals directed to a device,
  - (ii) receiving no replies from devices lying beyond said device,
  - (iii) detecting no traffic flowing in any lines to or from said device,
  - (iv) detecting changes to line status bits on lines connected to said device;
- (b) (i) determining zero traffic on a line and a device being otherwise determined as not being broken, declaring the line as being broken,
  - (ii) declaring a line as being broken in step (b)(i) after a predetermined period of time,

and

(c) processing steps (a) and (b) with lines having more than two ends, as if it were a single device from the point of view of breaks.

Attached hereto is a marked up version of the changes to the claims in a paper entitled "Version with Markings to Show Changes Made".